NOVEMBER/DECEMBER 2023

BECS64C — MULTIMEDIA SYSTEMS

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

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1. State MIDI.
2. Name any two multimedia tools.
3. What do you understand by digital image representation?
4. List out any four animation tools.
5. Point out any two video file formats.
6. Mention the most common file formats used in multimedia.
7. What is the structure of a WAVE file?
8. What are the secondary colors?
9. How good is AVI quality?
10. Expand:
    (a) DPI,
    (b) PPI.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What are the components of multimedia?

Or

(b) Give a short note on tracking procedure.

12. (a) Illustrate about layering technique.

Or

(b) Write a short note on image morphing.

13. (a) List the features of authoring tools with its types.

Or

(b) Describe about multimedia form creation in detail.

14. (a) Discuss about high level multimedia functions.

Or

(b) Explain the process of creating an animation with sound effects with its steps.

15. (a) Give a detailed note on bitmap brushes.

Or

(b) Show how hotspot editor is used in visual effects.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborately discuss about multimedia tools, sounds and graphics.

17. Classify the different types of scanners.

18. Discuss about linear and non-linear video editing in detail.

19. Explain how computers see color.

20. Elucidate digital video technology.

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